CLAIMS

1-11. (cancelled)

21. (previously presented) A communication device comprising:

a radiotelephone having a first supply voltage and one or more data circuits;

a modem circuit having a second supply voltage and one or more logic circuits;

an interface node, a ground node and at least one data communication node electrically connecting said radiotelephone to said modem circuit, said interface node connected to said second supply voltage and said ground node connecting the electrical grounds of said radio telephone and said modem circuit;

an interface circuit in said radiotelephone operative to provide said first supply voltage to said interface node if said second supply voltage does not exceed said first supply voltage; and

wherein said data circuits are operative to exchange digital data with said logic circuits on said at least one data communication node by switching between ground and a ~~with the~~ positive voltage level of said interface node.

22. (previously presented) The device of claim 21 wherein ~~the~~ said positive voltage level of said interface node is the greater of said first and second supply voltages.

12. (previously presented) The communication device of claim 21 wherein the radiotelephone further includes first operating circuitry operable at said first supply voltage and the modem circuit further includes second operating circuitry operable at the second supply voltage, the second supply voltage differing from the first supply voltage.

13. (previously presented) The communication device of claim 21 wherein the one or more data circuits are configured to convert voltage levels for communication with the one or more logic circuits to the voltage level of the interface node.

14. (previously presented) A radiotelephone comprising:

radio circuitry for radio frequency communication with a remote radio device;

a controller coupled to the radio circuitry for controlling operation of the radiotelephone;

an interface node for electrically connecting said radiotelephone to the supply voltage of a detachable modem circuit;

a data circuit for communicating digital data with the detachable modem circuit, the data circuit being responsive to the supply voltage on the interface node for providing output digital signals to the modem circuit and receiving input digital signals from the modem circuit, the input digital signals and the output digital signals at voltage levels suitable for communication with the modem circuit; and

an interface circuit coupled to the interface node, the interface circuit configured to provide a supply voltage to match the output digital signals to logic voltages used by logic circuits of the modem circuit.

15. (original) The radiotelephone of claim 14 wherein the interface circuit is configured to provide the supply voltage to the interface node unless the modem circuit supplies a larger voltage to the interface node.

16. (original) The radiotelephone of claim 15 wherein the interface circuit comprises a voltage regulator having an output coupled to the interface node and configured to provide a regulated voltage to the output node as the supply voltage.

17. (original) The radiotelephone of claim 16 wherein the voltage regulator is configured to tolerate an over-voltage condition at the output.

18. (original) The radiotelephone of claim 17 wherein the voltage regulator comprises an output transistor coupled to the output, the output transistor being substantially turned off in response to the over-voltage condition.

19-20. (cancelled)